Comparisons of Job Characteristics

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 51

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	16.9	4.7	<<	Extensive education and/or training may be required
Mechanical	6.8	13.9	13.0	0	Current knowledge level may be sufficient
Administration and Management	8.4	12.8	8.0	<<	Extensive education and/or training may be required
Mathematics	9.2	12.8	5.6	<<	Extensive education and/or training may be required
Design	5.2	10.9	6.6	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.6	7.5	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.2	8.3	<	Expanded education and/or training may be required
Personnel and Human Resources	5.6	8.6	4.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 30

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Coordination	9.1	12.2	7.9	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	11.6	3.8	<<	Extensive development of skills in this area may be required

Time Management	8.9	11.2	4.7	<<	Extensive development of skills in this area may be required
Persuasion	7.4	9.6	4.5	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.9	5.5	<	A higher skill level may be required
Management of Material Resources	3.7	5.6	2.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 43

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	13.4	8.7	<<	Extensive improvement in abilities may be required
Oral Expression	12.4	13.3	8.1	<<	Extensive improvement in abilities may be required
Problem Sensitivity	11.1	12.1	8.6	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	11.2	7.4	<<	Extensive improvement in abilities may be required
Near Vision	11.1	11.0	9.7	<	Some improvement in abilities may be required
Written Comprehension	11.0	10.7	7.3	<<	Extensive improvement in abilities may be required
Written Expression	9.8	10.6	4.1	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	10.4	7.4	<<	Extensive improvement in abilities may be required
Visualization	7.5	9.8	8.1	<	Some improvement in abilities may be required
Number Facility	6.3	8.2	2.1	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	7.9	8.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Work Activities	Exclusivity of Activity
Perform safety inspections in construction or resource extraction setting	46

Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.